

Applicant Initiated Interview Request Form

Application No.: 09/806,304 First Named Applicant: Alain Brochez
Examiner: Ernesto Garcia Art Unit: 3679 Status of Application: Final Rejection

Tentative Participants:

(1) Patrick Buechner (2) _____
(3) Ernesto Garcia (4) _____

Proposed Date of Interview: July 14, 2009 Proposed Time: 11:00AM AM/PM

Type of Interview Requested:

(1) ☐ Telephonic (2) ☒ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Drawing Obj.</u>	_____	_____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) <u>Spec. Obj.</u>	_____	_____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) <u>Claim Obj.</u>	_____	_____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(4) <u>Claim Rejections</u>	<u>All</u>	<u>All cited</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Argument to be Presented:

Discussion of formal matters; Discussion of 112 rejections; Discussion of unavailability of WO 2005/033459 as prior art;

Discussion of deficiencies of proposed combination of US 3,797,194, EP 549,554, and WO 91/15314; Possible

Amendment of claim 85 to include the features of claim 94.

An interview was conducted on the above-identified application on July 14, 2009.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

/Patrick M. Buechner/
Applicant/Applicant's Representative Signature
Patrick M. Buechner
Typed/Printed Name of Applicant or Representative
57,504

Registration Number, if applicable

/Ernesto Garcia/
Examiner/SPE Signature

Privacy Act Statement

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

LIST OF PROPOSED CLAIMS

Claims 1 - 84 (Canceled).

Patent Bar
7/14/09

Claim 85 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members,

the attachment channels being confined by an inner wall and an outer wall,

wherein a mutual interlocking between the corner piece and the side members is carried out by locking means for mutual interlocking of the corner piece and the side members, which are formed of lips defined by a pressed-in material part of the outer wall, which said lips cooperate with notches defined on the corner piece;

wherein each insert part includes at least one said notch comprising a triangular shape defined by a first side against which the lip ~~projection~~ is positioned which is longer than a second side over which a free end of the lip projection is pressed in;

LIPS

wherein the locking means generate a pre-stress in the form of pressure on both ^{frame} side members and tension in the corner piece, ~~the locking means comprising material parts which are upset by compressing the material of the outer wall;~~

~~wherein the upset of the ^{pressed-in} material parts has a useful working force on a total mitre, and~~

wherein a compression force has been created in the ^{frame} side members ends by pushing off both ^{frame} side members on the locking means ^{LIPS}

the corner piece ^{comprising} being equipped with inclined parts defining a pressure zone between the ^{LIPS} locking means and a place on the inner wall which is situated deeper in the attachment channels ^{LIPS} than the locking means, so that there can be to provide a pressure ^{LIPS} increase between said place and the locking means;

the insert parts being equipped with resilient members which are connected to one another at an angle; and

the inclined parts being respectively connected to ~~[[the]]~~ free ends of the resilient members;

wherein a free space or clearance free of ~~massive~~ material is provided on the outside corner of the corner piece, the free space or clearance extending from the ~~locking means~~ ^{lip} to at least the connecting end of the insert parts;

wherein the inclined parts ~~form means to~~ create a tensile force in the resilient members, since ~~[[the]] a pressure in the inclined parts~~ ^{between said place and the lips} results in a tension in the resilient members;

the tensile forces in the resilient members resulting in pressure forces in the ~~outer and inner walls~~ via contact between the resilient members and the outer and inner walls, thus contributing to ~~[[the]]~~ rigidity and the pre-stress of the ~~obtained mitre~~ ^{corner joint} as a whole.

Claim 86 (Previously Presented). The corner joint according to claim 85, wherein the second side extends substantially perpendicular to the longitudinal direction of the lip projection.

Claim 87 (Previously Presented). The corner joint according to claim 86, wherein said second side of the at least one notch over which the free end of the lip projection is pressed in, has a ~~buckled~~ ^{bent} shape.

Claim 88 (Currently Amended). The corner joint according to claim 85 wherein ~~use is made of stop parts which are situated behind the pressed-in lips of the locking means~~, the stop parts ^{include serrations} ~~being carried out in relief in the shape of a serration.~~

Claim 89 (Previously Presented). The corner joint according to claim 85, wherein each of said insert parts includes an end portion geometrically configured in

the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a second leg arranged to be urged against the inner wall of the respective attachment channel, a first leg connecting at a first end with a first end of the second leg to form the apex and extending at an oblique angle relative to the second leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the second leg in a direction generally proximal to the corner portion and connecting to the second leg.

Claim 90 (Currently Amended). The corner joint ^{LEAVE} according to ^{DELETE} claim 89, wherein the each inclined part is ~~parts are a fragment of the~~ an afore-mentioned first leg of the insert part.

^{further comprises}
Claim 91 (Canceled). ~~The corner joint according to claim 90, wherein the corner joint is part of a frame in which a panel is provided, the panel being wedged up by wedges, wherein the middle of the wedges is situated in the prolongation of the inclined parts.~~

Claim 92 (Currently Amended). The corner joint ^{the} according to claim 89, wherein each of the insert parts includes ~~[[a]] an afore-mentioned~~ resilient member comprising said second leg and a connecting leg situated in an extension of said second leg for connecting the end portions with the connecting ends of the insert parts; the end portion and the resilient member of each of said insert parts connected to one another at an angle so that the resilient members provide ~~for a reactive tensile~~ force to the compression force which occurs in the ^{frame} side members ends and which have ^{frame} been created by pushing off both side members on the notch of the corner piece. 8 ✓

Claim 93 (Currently Amended). The corner joint according to claim 92, wherein the resilient members are arranged to be positioned generally along the inner wall of the respective attachment channel.

Claim 94 (Currently Amended). The corner joint according to claim 92, wherein the resilient members are arranged to be positioned ~~generally along~~^{OK} ~~the inner~~^{and in contact} wall of the respective attachment channel, such that the tensile force is optimally transmitted to the inside corner.

Claim 95 (Currently Amended). The corner joint according to any one of the preceding claims, wherein the corner piece is provided with positioning elements arranged to guide the insert parts into the attachment channels when positioned therein; and,

wherein the positioning elements include at least one of the following elements;

elastic press-on elements provided on the corner piece to push the inner sides of the insert parts against an inner wall of the respective attachment channel;

elastically bendable flaps provided on the insert parts at a predetermined distance from the connecting ends thereof and arranged to cooperate with the outer wall of the respective attachment channel;

~~support and~~ guiding elements provided on the corner piece in the shape of a little leg having elastically bendable flaps on the corner piece arranged to cooperate with the outer wall of the respective attachment channel.

Claim 96 (Previously Presented). The joint according to claim 95, wherein the corner piece includes a clearance generally defined at an inside corner where the insert parts connect and having a hook shaped profile.

~~Claim 97 (New). A panel utilizing a corner joint according to any of claims 85-90, wherein a panel is provided, the panel being wedged up by wedges, wherein the middle of the wedges is situated in the prolongation of the inclined parts.~~

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